

OC/FNI

UNCLASSIFIED

REQ. NUMBER:
OFFICE RANK: 1

OFFICE: FBIS/DS&T

TITLE: Data Exchange With Field Bureaus

Type of Communications Service:

Support of ongoing initiatives

REQUIREMENT:

Provide communications channels (600-9600 BPS) with sufficient capacity, speed and quality to support error-protected transparent and store and forward data exchanges for HQ-field bureau communications.

JUSTIFICATION:

Existing method of information exchange is inadequate. Pouching of diskettes is slow and mail systems unreliable.

TIME REQUIREMENT:

FY89 when both HQ and field bureau automation programs will be completed.

IMPACT OF LACK OF THIS SERVICE ON OTHER PROGRAMS:

FBIS will be running state-of-the-art automated systems in HQ and field bureaus with outmoded commo links between systems.

CONTACT:

STAT
STAT

NAME:
OFFICE: ESG/FBIS/DS&T
PHONE:

CONFIDENTIAL

COST ESTIMATES FOR
NEW COMMUNICATIONS SERVICES

FBIS 1

DIRECTORATE : DDS&T

OFFICE : FBIS

PROGRAM YR : 89

REQUIREMENT : PROVIDE COMMUNICATIONS CHANNELS (600-9600 BPS) TO SUPPORT
ERROR PROTECTED TRANSPARENT AND STORE AND FORWARD DATA
EXCHANGES FOR HQ-FIELD BUREAU COMMUNICATIONS.
THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES

COMMENT : This estimate includes a statistical multiplexor, that
will detect errors and retransmit a bad block of data,
as well as cryptos, modems and leased lines.

25X1 [] of FBIS, indicated that FBIS expects to be
able to upgrade their present 75 baud service and continue
25X1 to send their data via []
25X1 [] However, the present bandwidth from
25X1 [] is extremely limited will probably not be
available to support this expanded requirement until the
mid 1990's. If a small increase in service will satisfy
the interim need then this should be surfaced through
25X1 [] It will be handled on a case-by-case basis.

Per FBIS, the data to be transmitted is unclassified
and can be transmitted in the clear.

Therefore, since bandwidth is very limited, this
estimate is for non-secure dedicated links between
FBIS Hqs. and each field bureau that can support data
at 9600 bps. The multiplexor equipment can support
up to 12 channels to each field site.

RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
FBIS	Statistical Multiplexor	2	12K	24K
	Modems (2 + spare)	3	3K	9K
	Racks, patch panels, etc.	2	5K	10K
	Leased line (D-1)	1	30K/yr	30K
	Cost for each link (includes Hqs and 1 field bureau)			73K

CONFIDENTIAL